

Electrochemical synthesis of thio(seleno)acetals and trimethylsilyl esters of hemithio(seleno)acetals

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Abstract

Depending on the conditions of electrolysis, electrochemical reduction of dielement compounds of sulfur and selenium (diaryl and dialkyl sulfides and selenides) in the presence of ketones or aldehydes and trimethylchlorosilane yields different products: trimethylsilyl esters, hemithio(seleno)acetals of ketones and aldehydes or full thio(seleno)acetals. © 1996 MAHK Hayka/Interperiodica Publishing.
